



2345 Grand Boulevard
Suite 2800
Kansas City, Missouri 64108-2684
(816) 292-2000, Fax (816) 292-2001

RECEIVED
CENTRAL FAX CENTER
JUN 29 2005

Direct Dial Number:
(816) 480-5819

www.lathropgage.com

10851 Mastin Blvd.
Building 82, Suite 1000
Overland Park, KS 66210-1669
(913) 451-5100, Fax (913) 451-0875

230 Park Avenue
Suite 1847
New York, NY 10169
(212) 850-6220, Fax (212) 850-6221

1845 S. National
Springfield, MO 65808-4288
(417) 886-2000, Fax (417) 886-9126

The Equitable Building, Suite 1300
10 South Broadway
St. Louis, MO 63102-1708
(314) 613-2500, Fax (314) 613-2550

4845 Pearl East Circle
Suite 300
Boulder, CO 80301
(720) 931-3000, Fax (720) 931-3001

314 East High Street
Jefferson City, MO 65101
(573) 893-4336, Fax (573) 893-5398

Suite 1050
Franklin Square
1300 Eye Street, N.W.
Washington, D.C. 20005
(202) 962-0032, Fax (202) 962-0357

June 29, 2005

From: William A. Rudy

Matter No.: 413289

To:	Company:	Fax Number:	Phone Number:
Mail Stop Petitions	Commissioner for Patents	(703) 872-9306	

Number of Pages Transmitted (including this cover sheet): 16

Message: U.S. Patent Application Serial No. 10/687,382

Filed: October 16, 2003

Entitled: METHOD OF COOLING SEMICONDUCTOR DIE USING MICROCHANNEL THERMOSYPHON

L&G No.: 413289

If you have a problem receiving this facsimile, please call: (816) 480-5819

Fax Attendant:

CONFIDENTIALITY NOTE:

The information in this facsimile message ("fax") is sent by an attorney or his/her agent, is intended to be confidential and for the use of only the individual or entity named above. The information may be protected by attorney/client privilege, work product immunity or other legal rules. If the reader of this message is not the intended recipient, you are notified that retention, dissemination, distribution or copying of this fax is strictly prohibited. If you receive this fax in error, please notify us immediately by telephone and return it to the address above. Thank you.

HEWLETT-PACKARD COMPANY

Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014777-3

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Roy Zeighami, et al.

Confirmation No.: 2132

Application No.: 10/687,382

Examiner: M. Datskovskiy

Filing Date: Oct. 16, 2003

Group Art Unit: 2835

Title: METHOD OF COOLING SEMICONDUCTOR DIE USING MICROCHANNEL
THERMOSYPHON

Mail Stop Petitions
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- () Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee Petition Under 37 C.F.R. 1.181(a) To Withdraw Examiner's Holding of Abandonment, Copy of Notice of Abandonment, and Exhibit A, B, and C (fee \$ _____)
(X) Other: _____

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	6	MINUS	20	= 0	X \$50	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X \$200	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 872-9306 on June 29, 2005
Number of pages: _____

Typed Name: Janet Ridpath

Signature: 

Roy Zeighami, et al.

By 

William A. Rudy

Attorney/Agent for Applicant(s)
Reg. No. 34,916

Date: June 29, 2005

Telephone No.: (720) 931-3027

Rev 12/04 (TransmFax)

- Attach as First Page to Transmitted Papers -

BEST AVAILABLE COPY

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014777-3

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Roy Zeighami, et al.

Confirmation No.: 2132

Application No.: 10/687,382

Examiner: M. Datskovskiy

Filing Date: Oct. 16, 2003

Group Art Unit: 2835

Title: METHOD OF COOLING SEMICONDUCTOR DIE USING MICROCHANNEL
THERMOSYPHON

Mail Stop Petitions
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- () Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee Petition Under 37 C.F.R. 1.181(a) To Withdraw Examiner's Holding of Abandonment, Copy of Notice of Abandonment, and Exhibit A, B, and C (fee \$)
(X) Other: (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	6	MINUS	20	= 0	X \$50	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X \$200	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 872-9306 on June 29, 2005
Number of pages:

Typed Name: Janet Ridpath

Signature: Janet Ridpath

Roy Zeighami, et al.

By

William A. Rudy

Attorney/Agent for Applicant(s)

Reg. No. 34,916

Date: June 29, 2005

Telephone No.: (720) 931-3027

Rev 12/04 (TrAmdFax)

- Attach as First Page to Transmitted Papers -

BEST AVAILABLE COPY

**RECEIVED
CENTRAL FAX CENTER****JUN 29 2005****PATENT**Attorney Docket No.: 10014777-3
Sent Via Facsimile: (703) 872-9306**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s)	Roy Zeighami, et al.	Examiner	M. Datskovskiy
Serial No.	10/687,382	Group Art No.	2835
Filed	October 16, 2003	Confirmation No.	2132
For	Method Of Cooling Semiconductor Die Using Microchannel Thermosyphon		

June 29, 2005

Director of Technology Center 2835
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450**PETITION UNDER 37 C.F.R. 1.181(a) TO WITHDRAW
EXAMINER'S HOLDING OF ABANDONMENT**

Sir:

Pursuant to 37 CFR 1.181(a), Applicant hereby petitions for withdrawal of the holding of abandonment in the above-identified application.

STATEMENT OF THE FACTS

Applicant timely filed a Response to the Office Action of 26 April 2004 via Express Mail Label Number EL927873678US, on 26 July 2004. However, a Notice of Abandonment has been issued in the case, citing failure to respond to the 26 April Office Action as the reason for Abandonment.

Applicant submits herewith a copy of the Notice of Abandonment, a courtesy copy of the Response and accompanying papers, and proof of timely filing in the form of:

- a) a copy of the page of the response mailed on July 26, 2004, showing a Certificate of Mailing executed on July 26, 2004. Attached hereto as Exhibit A.
- b) A copy of the post card identifying the papers filed and showing the U.S. PTO receipt stamp dated July 26, 2004. Attached hereto as Exhibit B.
- c) A copy of the Image File Wrapper printed from the U.S. Patent Office

BEST AVAILABLE COPY

PATENT

Attorney Docket No.: 10014777-3
Sent Via Facsimile: (703) 872-9306

Patent Application Information Retrieval website showing the response
mailed on July 26, 2004. Attached hereto as Exhibit c.

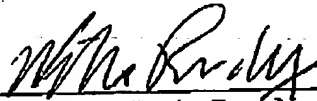
As demonstrated by items a)-c), Applicant's response to the Office Action of 26
April 2004 was timely filed. Applicant believes that the instant application was
erroneously abandoned due to late association of papers at the Patent Office.

ACTION REQUESTED

Applicant requests withdrawal of the holding of abandonment and formal
notification of such withdrawal.

Applicant believes that no fees are due; however, if any fee is deemed necessary
in connection with this Petition, the Examiner is authorized to charge Deposit Account
No. 08-2025. Please call the undersigned with any questions.

Respectfully submitted



William A. Rudy, Reg. No. 34,916
Lathrop & Gage, L.C.
4845 Pearl East Circle, Suite 300
Boulder, CO 80301
Telephone: (720) 931-3027
Facsimile: (720) 931-3001



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,382	10/16/2003	Roy Zeighami	10014777-3	2132
22879	7590	04/13/2003	EXAMINER	
HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			DATSKOVSKIY, MICHAEL V	
			ART UNIT	PAPER NUMBER
			2835	

RECEIVED

DATE MAILED: 04/13/2005

APR 18 2005

HP LEGAL
IPA

Please find below and/or attached an Office communication concerning this application or proceeding.

BEST AVAILABLE COPY

AK

Notice of Abandonment	Application No.	Applicant(s)	
	10/687,382	ZEIGHAMI ET AL.	
	Examiner	Art Unit	
	Michael V. Datskovskiy	2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 26 April 2004.
 - (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
 - (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
 - (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
 - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
 - (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
 - (b) ☐ The submitted fee of \$_____ is insufficient. A balance of \$_____ is due.
The issue fee required by 37 CFR 1.18 is \$_____. The publication fee, if required by 37 CFR 1.18(d), is \$_____.
 - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
 - (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
 - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:

Michael V. Datskovskiy
04/12/05

Michael V Datskovskiy
Primary Examiner
Art Unit: 2835

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

U.S. Patent and Trademark Office
PTOL-1432 (Rev. 04-01)

Notice of Abandonment

Part of Paper No. 2

BEST AVAILABLE COPY